

A human F-spondin-like protein and DNA (RNA) encoding such protein and a procedure for producing such protein by recombinant techniques is disclosed. Also disclosed are methods for utilizing such polypeptide for treating spinal cord injuries and damage to peripheral nerves by promoting neural-cell adhesion and neurite extension, inhibiting tumor metastases and tumor angiogenesis, and stimulating wound repair. Antagonists are also disclosed which may be utilized to prevent malaria. Diagnostic assays for identifying mutations in nucleic acid sequence encoding a polypeptide of the present invention and for detecting altered levels of the polypeptide of the present invention for detecting diseases, for example, cancer, are also disclosed.

1. **THE STATE OF TEXAS, County of \_\_\_\_\_, do hereby certify that**  
 2. **\_\_\_\_\_**  
 3. **\_\_\_\_\_**  
 4. **\_\_\_\_\_**  
 5. **\_\_\_\_\_**  
 6. **\_\_\_\_\_**  
 7. **\_\_\_\_\_**  
 8. **\_\_\_\_\_**  
 9. **\_\_\_\_\_**  
 10. **\_\_\_\_\_**  
 11. **\_\_\_\_\_**  
 12. **\_\_\_\_\_**  
 13. **\_\_\_\_\_**  
 14. **\_\_\_\_\_**  
 15. **\_\_\_\_\_**  
 16. **\_\_\_\_\_**  
 17. **\_\_\_\_\_**  
 18. **\_\_\_\_\_**  
 19. **\_\_\_\_\_**  
 20. **\_\_\_\_\_**  
 21. **\_\_\_\_\_**  
 22. **\_\_\_\_\_**  
 23. **\_\_\_\_\_**  
 24. **\_\_\_\_\_**  
 25. **\_\_\_\_\_**  
 26. **\_\_\_\_\_**  
 27. **\_\_\_\_\_**  
 28. **\_\_\_\_\_**  
 29. **\_\_\_\_\_**  
 30. **\_\_\_\_\_**  
 31. **\_\_\_\_\_**  
 32. **\_\_\_\_\_**  
 33. **\_\_\_\_\_**  
 34. **\_\_\_\_\_**  
 35. **\_\_\_\_\_**  
 36. **\_\_\_\_\_**  
 37. **\_\_\_\_\_**  
 38. **\_\_\_\_\_**  
 39. **\_\_\_\_\_**  
 40. **\_\_\_\_\_**  
 41. **\_\_\_\_\_**  
 42. **\_\_\_\_\_**  
 43. **\_\_\_\_\_**  
 44. **\_\_\_\_\_**  
 45. **\_\_\_\_\_**  
 46. **\_\_\_\_\_**  
 47. **\_\_\_\_\_**  
 48. **\_\_\_\_\_**  
 49. **\_\_\_\_\_**  
 50. **\_\_\_\_\_**  
 51. **\_\_\_\_\_**  
 52. **\_\_\_\_\_**  
 53. **\_\_\_\_\_**  
 54. **\_\_\_\_\_**  
 55. **\_\_\_\_\_**  
 56. **\_\_\_\_\_**  
 57. **\_\_\_\_\_**  
 58. **\_\_\_\_\_**  
 59. **\_\_\_\_\_**  
 60. **\_\_\_\_\_**  
 61. **\_\_\_\_\_**  
 62. **\_\_\_\_\_**  
 63. **\_\_\_\_\_**  
 64. **\_\_\_\_\_**  
 65. **\_\_\_\_\_**  
 66. **\_\_\_\_\_**  
 67. **\_\_\_\_\_**  
 68. **\_\_\_\_\_**  
 69. **\_\_\_\_\_**  
 70. **\_\_\_\_\_**  
 71. **\_\_\_\_\_**  
 72. **\_\_\_\_\_**  
 73. **\_\_\_\_\_**  
 74. **\_\_\_\_\_**  
 75. **\_\_\_\_\_**  
 76. **\_\_\_\_\_**  
 77. **\_\_\_\_\_**  
 78. **\_\_\_\_\_**  
 79. **\_\_\_\_\_**  
 80. **\_\_\_\_\_**  
 81. **\_\_\_\_\_**  
 82. **\_\_\_\_\_**  
 83. **\_\_\_\_\_**  
 84. **\_\_\_\_\_**  
 85. **\_\_\_\_\_**  
 86. **\_\_\_\_\_**  
 87. **\_\_\_\_\_**  
 88. **\_\_\_\_\_**  
 89. **\_\_\_\_\_**  
 90. **\_\_\_\_\_**  
 91. **\_\_\_\_\_**  
 92. **\_\_\_\_\_**  
 93. **\_\_\_\_\_**  
 94. **\_\_\_\_\_**  
 95. **\_\_\_\_\_**  
 96. **\_\_\_\_\_**  
 97. **\_\_\_\_\_**  
 98. **\_\_\_\_\_**  
 99. **\_\_\_\_\_**  
 100. **\_\_\_\_\_**